



0408-05

AF ZFW

Dr. Sheng-Guo Wang, Associate Professor  
Dept. of Engineering Technology & Dept. of Electrical & Computer Engineering  
**University of North Carolina at Charlotte**  
9201 University City Boulevard, Charlotte, NC 28223-0001, USA  
(704) 687-3265 • Fax: (704) 687-6499 • swang@uncc.edu  
www.coe.uncc.edu/~swang/ • www.et.uncc.edu/faculty/swang.html

**RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP NUMBER 1731**

2516 Radrick Ln  
Charlotte, NC 28262-4443

April 7, 2005

Corres. and Mail  
**BOX AF**

BOX AF, COMMISSIONER FOR PATENTS  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Sheng-Guo Wang's Patent Application 09/989,799 of 11/20/2001  
TC/A.U. 1731, Examiner John Hoffmann

Dear Honorable Commissioner:

Applicant respectfully requests under Rule 116 that the above application be amended as follows, without raising any new issues, to place it in condition for allowance.

**Amendments to the Claims under Rule 116** are reflected in the listing of claims (total 9 pages) that begins on page 2 as attached to this paper.

**Remarks** begin on page 11 as attached to this paper.

Also, please find the attached a Substantial Feature Comparison Table (page 63), and copies of factual evidence of Recognitions (pages 64-66).

In addition, please find the enclosed the Records of the Substance of the Interview of 03-11-2005 and the Telephonic interview of 3-15-2005 (separately numbered pages 1-3, 1-3).

Again, thank you very much for your consideration of my application. I respectfully request that a timely Notice of Allowance be issued in this case.

Very truly yours,

Sheng-Guo Wang.

(704) 503-0747

Enclosures:	1. Amendments to the Claims Under Rule 116 (pp. 2-10 of 66)	9 pages
	2. Remarks (pp. 11-62 of 66)	52 pages
	3. Substantial Feature Comparison Table (pp. 63 of 66)	1 page
	4. Copies of Recognitions (pp. 64-66 of 66)	3 pages
	5. Records of Substance of Interviews of 3-11-2005 and 3-15-2005	6 pages